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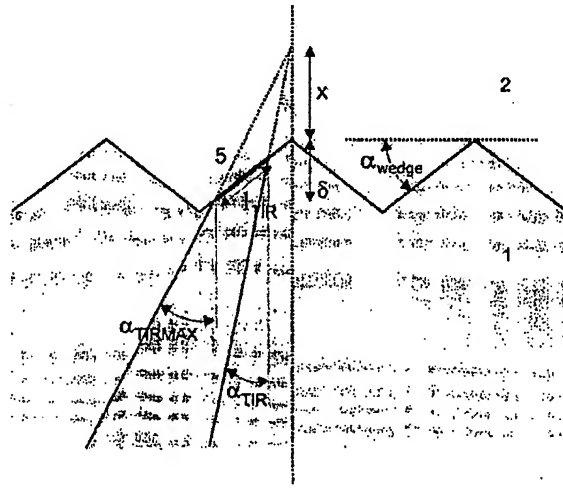
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(54) Title: SUPPORT WITH A SURFACE STRUCTURE FOR SENSITIVE EVANESCENT-FIELD DETECTION



(57) Abstract: The present invention is concerned with a support (1), in particular an optical disc, with a surface structure for the detection of at least one optically-active substance within the evanescent-field (5) at one surface of the support (1), whereby the surface structure allows the generation of an evanescent-field (5) in a medium (2) adjacent to the surface structure. The surface structure comprises one or more sections of the surface of the support (1), which are inclined (α_{wedge}) with respect to the general orientation of the surface of the support (1). The invention also concerns a device employing such a support (1) with a surface structure, in particular an optical disc and uses of the support (1) with a surface structure and the device.



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